840 Series

TYPE & FUNCTION: 2/2 NC

TYPICAL MODELS & FLOWRATE:

RX8411E4C2XX	300 l/min @ 6 bar
RX8411E4C2KK	300 l/min @ 6 bar
RX8412E4C2XX	300 l/min @ 6 bar
RX8412E4C2KK	300 l/min @ 6 bar
DRX841H08C2YY	300 l/min @ 6 bar

TYPICAL APPLICATIONS: The 840 Series was developed by integrating two 820 Series solenoid valves into the same body for sorting applications requiring higher flowrates in order to sort/separate larger products (weight and size). The possible applications are the same of 820 Series but with a wider range due to the higher flowrate (up to 300 l/min @ 6 bar). It is used in sorting equipments for glass, ceramic, metal, mineral and plastic parts, vegetables, fruit, seeds and nuts. The 2 controls version is also used for pressure/flow controls in automotive and medical applications, because it is possible to control one of the two coils with a PWM signal and the other with a standard on-off signal in order to modulate the flowrate of the single air outlet of the valve. Precision, repeatability, short response times and long maintenance-free operating life of the product are fundamental for all these applications. The compact size of the 840 Series solenoid valves permits an optimal sorting manifold design with a pitch between the outlets of only 6,4 mm (ref. GM840 Series). In order to optimize the overall performances and reach the highest flowrate values, the valves are equipped with a double inlet connection. Available in both inline and manifold versions the 840 Series solenoid valves are equipped with a snap-in IP67 connection or integrated cables. In order to simplify the use in sorting equpments there is also available an integrated speed-up driver that requires 24VDC and the logic signal (5VDC). The integrated speed-up driver is available only for manifold versions.

ADVANTAGES:
Compact dimensions, small footprint (12 mm)
High flowrate values (up to 300 l/min @ 6 bar)
Short response times (lower than 2 ms)
Insensitiveness to frequency work and vibrations
Low power consumption
High precision and repetitiveness
Long maintenance-free operating life (up to 500 M cycles)